

Comparisons of Job Characteristics

Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011)
Associated Occupation: Coin, Vending, and Amusement Machine Servicers and Repairers (49-9091)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 57

Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011)
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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	14.6	19.8	>>	Current knowledge level is likely more than sufficient
Mathematics	9.2	12.4	8.4	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.1	5.4	<<	Extensive education and/or training may be required
Mechanical	6.8	9.9	13.0	>>	Current knowledge level is likely more than sufficient
Food Production	2.1	6.2	1.0	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	10.3	10.0	0	Current skill level may be sufficient
Equipment Maintenance	3.5	10.0	9.0	<	A higher skill level may be required
Operation Monitoring	6.6	10.0	9.0	<	A higher skill level may be required
Troubleshooting	4.5	9.7	9.3	0	Current skill level may be sufficient
Operation and Control	5.4	9.3	8.3	<	A higher skill level may be required
Equipment Selection	3.3	5.9	8.0	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 90			
Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011) Associated Occupation: Coin, Vending, and Amusement Machine Servicers and Repairers (49-9091)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	11.4	10.7	0	Current ability level may be sufficient
Control Precision	6.6	10.7	9.7	<	Some improvement in abilities may be required
Manual Dexterity	6.5	10.5	8.5	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	10.2	9.7	0	Current ability level may be sufficient
Multilimb Coordination	6.0	9.8	7.7	<	Some improvement in abilities may be required
Response Orientation	4.0	6.4	5.0	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 96
Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011) Associated Occupation: Coin, Vending, and Amusement Machine Servicers and Repairers (49-9091)		
Work Activities	Exclusivity of Activity	
Analyze operation of malfunctioning electrical or electronic equipment	68	
Apply cleaning solvents	41	
Calibrate business, vending, or related equipment	99	
Calibrate or adjust electronic equipment or instruments to specification	67	
Clean equipment or machinery	20	
Communicate technical information	4	
Conduct sequential tests to locate electronic malfunction	77	
Distinguish colors	44	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install electronic equipment, components, or systems	62	
Install office, vending or related equipment	99	
Install/connect electrical equipment to power circuit	57	
Lubricate machinery, equipment, or parts	59	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read schematics	34	
Read technical drawings	7	

Read work order, instructions, formulas, or processing charts	9
Repair electronic components, equipment, or systems	74
Repair or maintain office, vending, or related equipment	95
Repair or replace electrical wiring, circuits, fixtures, or equipment	49
Replace electronic components	63
Solder electrical or electronic connections or components	55
Test electrical/electronic wiring, equipment, systems or fixtures	54
Test electronic or electrical circuit connections	66
Test mechanical products or equipment	56
Understand service or repair manuals	40
Understand technical operating, service or repair manuals	6
Use computers to enter, access or retrieve data	3
Use electrical or electronic test devices or equipment	40
Use electronic calibration devices	68
Use hand or power tools	2
Use knowledge of metric system	39
Use precision tools in electronics repair	71
Use soldering equipment	44
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.